

Amendments to the Claims

1. (previously presented) A method of manipulating image data, comprising the steps of:

receiving the image data at a processor, wherein the image data is in an aperiodic cell format;

sampling the image data into a predetermined periodic format.
2. (original) The method as claimed in claim 1 wherein the aperiodic cell format is Ammann tiles.
3. (original) The method of claim 1 wherein the predetermined periodic format is that used for a printer description language.
4. (original) The method of claim 1 wherein the predetermined periodic format is Postscript™.
5. (original) The method of claim 1 wherein the predetermined periodic format is SVGA.
6. (original) The method of claim 1 wherein the predetermined periodic format is XGA.
7. (original) The method of claim 1 wherein the predetermined periodic format is VGA.
8. (original) The method of claim 1 wherein the predetermined periodic format is SXGA.
9. (currently amended) A method of manipulating image data, comprising the steps of:

receiving the image data at a processor, wherein the image data is in a periodic cell format;

sampling the image data into a non-random, aperiodic cell format using Ammann tiling.
10. (original) The method of claim 9 wherein the periodic cell format is VGA.
11. (original) The method of claim 9 wherein the periodic cell format is SVGA.

12. (original) The method of claim 9 wherein the periodic cell format is XGA.
13. (original) The method of claim 9 wherein the periodic cell format is SXGA.
14. (original) The method of claim 9 wherein the periodic cell format is used for a printer description language.
15. (canceled)
16. (previously presented) An imaging system, comprising:
an aperiodic input device, wherein the input device produces image data in aperiodic format;
an aperiodic output device, wherein the output device renders an image represented by the image data produced by the input device aperiodically.
17. (original) The method of claim 1 wherein the input device is a scanner.
18. (original) The method of claim 1 wherein the input device is a camera.
19. (original) The method of claim 1 wherein the output device is a printer.
20. (original) The method of claim 1 wherein the output device is a display.